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CR-129285

AN EVALUATION OF SPACE ACQUIRED DATA AS A TOOL FOR MANAGEMENT
OF WILDLIFE HABITAT IN THE STATE OF ALASKA

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Type I Progress Report for Period 1 September 1972 - 31 October 1972

Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

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Type I Progress Report
ERTS-A

(Cover Sheet)

- a. Title: An Evaluation of Space Acquired Data as a Tool for
Management of Wildlife Habitat in the State of Alaska

ERTS-A Proposal No.: SR 255

- b. GSFC ID No. of P.I.: IN 051

- c. Statement and explanation of any problems that are impeding the
progress of the investigation:

Snow cover terminated data collection in October

- d. Discussion of the accomplishments during the reporting period and
those planned for the next reporting period:

Processing of I²S film exposed this summer was completed.
Interpretive treatment is scheduled for January and February.

Continuing treatment of ERTS data is underway. Quantification of
water areas and delineation and quantification of some vegetation
zones has been completed on the Navy's Datacolor Display system.

The half time services of a Bureau of Sport Fisheries and Wildlife
biologist were dedicated to the Alaska/ERTS experiment. The
biologist will be stationed at Anchorage, and will serve as a
central point for BSFW/ERTS operations in Alaska. In addition,
he will coordinate ground and aircraft support functions with other
agencies and establish a limited ERTS data facility for viewing
and interpretive work.

- e. Discussion of significant scientific results and their relationships
to practical applications or operational problems including estimates of
the cost benefits of any significant results (To be prepared in scientific
abstract form of 200 words or less):

See (d)

- f. A listing of published articles, and/or papers, pre-prints, in-house
reports, abstracts of talks, that were released during the reporting
period:

Nothing to report

g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

See (d)

h. A listing by date of any changes in Standing Order Forms:

No changes.

i. ERTS Image Descriptor forms:

No changes.

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

None submitted.

k. Status of Data Collection Platforms (if applicable):

Not applicable.

